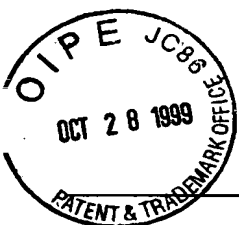


FORM PTO-1449
(Rev. 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket No. 5440.204-US

Serial No. 09/339,159



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant Kauppinen et al.

Filing Date: June 24, 1999

Group 1643 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
mo2	WO 97/11164	3/1997	PCT	—	—		
	WO 91/18974	12/1991	PCT	—	—		
	WO 94/25576	11/1994	PCT	—	—		
mo2	WO 95/35362	12/1995	PCT	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

mo2		Talbot et al., Applied and Environmental Microbiology, Vol. 56, pgs. 3505-3510 (1990)
		Mendoza et al., World Journal of Microbiology & Biotechnology, Vol. 10, pgs. 551-555

EXAMINER

mo2

DATE CONSIDERED

12/21/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#15

FORM PTO-1449
(Rev. 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket No. 5440.204-US

Serial No. 09/339,159

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

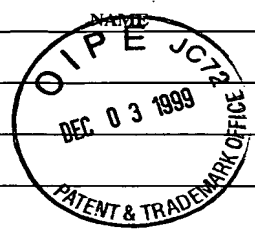
Applicant Kauppinen et al.

Filing Date June 24, 1999

Group 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE



FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

mm2		Gibbs et al., Applied and Environmental Microbiology, Vol. 58, No. 12, pp. 3864-3867 (1992)
mm2		Yosida et al., Biosci. Biotech. Biochem., Vol. 61, No. 2, pp. 251-255 (1997)

EXAMINER

mm2

DATE CONSIDERED

12/21/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.